



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF : John E. Armstrong, et al.  
FOR : METHODS AND APPARATUS FOR  
THE INTEROPERABILITY AND  
MANIPULATION OF DATA IN A  
COMPUTER NETWORK  
SERIAL NO : 09/836,894  
FILED : April 17, 2001  
EXAMINER : Firmin Backer  
ART UNIT : 3621  
LAST OFFICE ACTION : October 18, 2004  
ATTORNEY DOCKET NO. : 75637/11931

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

This Amendment and Response is in response to the Office Action in the above-identified application dated October 18, 2004.

**Listing of the Claims** which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 23 of this paper.